Amendments to the Claims:

The following listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A green-emitting LED which is designed as a luminescence conversion LED, comprising:

a primary radiation source, which is a chip emitting a primary radiation in the UV or blue radiation [[;]] region; and

a layer of a phosphor which is arranged in front of the primary radiation source and completely or partially converts the <u>primary</u> radiation of the chip into <u>a</u> green <u>light emission</u> of dominant wavelength $\lambda_{dom} = 550$ to 570 nm;

wherein the phosphor belongs to [[the]] \underline{a} class of [[the]] oxynitridosilicates, having a cation M and [[the]] $\underline{a}\underline{n}$ empirical formula $M_{(1-c)}Si_2O_2N_2:D_c$, where D denotes a doping with divalent europium and where M comprises Sr as a constituent and M = Sr alone or $M = Sr_{(1-x-y)}Ba_yCa_x$ with $0 \le x+y < 0.5$ is used, the oxynitridosilicate oxynitridosilicates completely or predominantly comprising the \underline{a} high-temperature-stable modification HT.

- 2. (Previously Presented) The LED as claimed in claim 1, wherein the Eu fraction makes up between 0.1 and 20 mol% of M.
- 3. (Currently Amended) The LED as claimed in claim 1, wherein Sr represents [[the]] <u>a</u> majority of M and a proportion of M, in particular up to 30 mol%, is replaced by Ba and/or Ca.

- 4. (Currently Amended) The LED as claimed in claim 1, wherein a proportion of M, in particular up to 30 mol%, is replaced by Li and/or La and/or Zn.
- 5. (Currently Amended) The LED as claimed in claim 1, wherein part of [[the]] <u>an</u> SiN group in the <u>oxynitridosilicate</u> <u>oxynitridosilicates</u> of formula MSi₂O₂N₂, <u>in particular up to 30 mol%</u>, is replaced by [[the]] <u>an</u> AlO group.
- 6. (Currently Amended) The LED as claimed in claim 1, wherein a proportion of Eu, in particular up to 30 mol%, is replaced by Mn.
- 7. (Currently Amended) The LED as claimed in claim 1, wherein the primary emission radiation has a peak wavelength in the range from 380 to 430 nm, in particular at least 380 nm.
- 8. (Previously Presented) The LED as claimed in claim 1, wherein the green emission has a dominant wavelength in the range from 556 to 564 nm.
- 9. (Previously Presented) The LED as claimed in claim 1, wherein the primary radiation is completely converted.
- 10. (Previously Presented) The LED as claimed in claim 1, wherein the chip is an InGaN chip with a peak emission wavelength in the range from 430 to 465 nm.
- 11. (Previously Presented) The LED as claimed in claim 1, wherein the LED is dimmable.

- 12. (New) The LED as claimed in claim 3, wherein 30 mol% of M is replaced by Ba and/or Ca.
- 13. (New) The LED as claimed in claim 4, wherein up to 30 mol% of M is replaced by Li and/or La and/or Zn.
- 14. (New) The LED as claimed in claim 5, wherein up to 30 mol% of the SiN group is replaced by the AlO group.
- 15. (New) The LED as claimed in claim 6, wherein up to 30 mol% of Eu is replaced by Mn.
- 16. (New) The LED as claimed in claim 1, wherein a primary radiation has a peak wavelength of at least 380 nm.